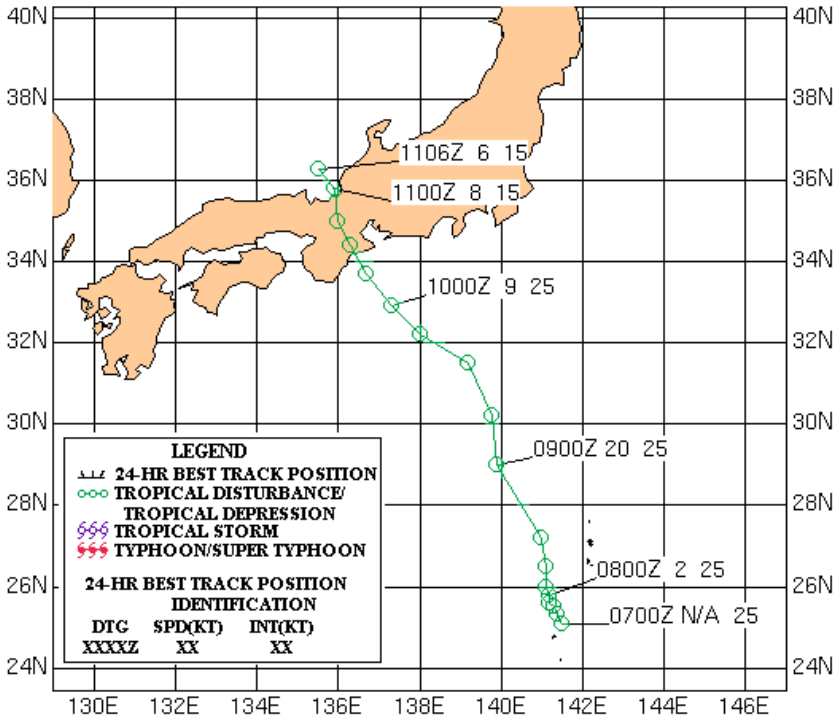
Tropical Depression 14W

Tropical Depression (TD) 14W developed 65 nm north of Iwo Jima. It tracked northwest and made landfall near Owase, Japan around 101000Z August, while maintaining a 25 kt intensity.

JTWC issued a Tropical Cyclone Formation Alert at 070230Z August based on Special Sensor Microwave Imager (SSM/I) data which depicted an exposed low-level circulation center with associated convection displaced about 40 nm to the northeast (Figure 1-14-1). The first warning for TD 14W was issued at 082100Z August as a 25 kt cyclone. TD 14W initially moved northward at 5 to 7 kt under the steering influence of the subtropical ridge over northern Japan. TD 14W then turned northwestward around 091200Z August and increased in speed as the subtropical ridge began building over Honshu. TD 14W remained at 25 kt as it made landfall 25 nm northeast of Owase, Japan (Figure 1-14-2) at 101000Z August. TD 14W then began to weaken and moved northward dissipating just north of Honshu on 11 August. JTWC issued the eighth and final warning at 101500Z August.



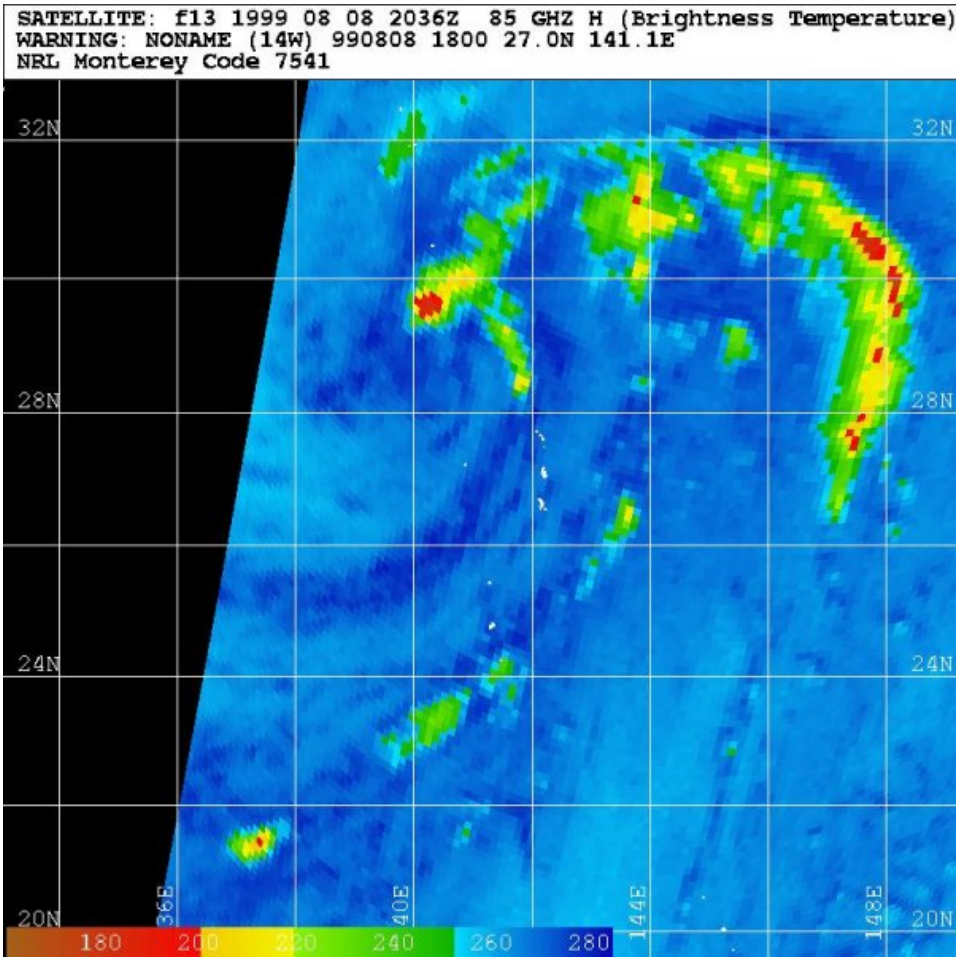


Figure 1-14-1. 082036Z August SSM/I pass reveals a fully exposed low-level circulation center positioned southwest of the associated convection. TD 14W was at 25 kt intensity.

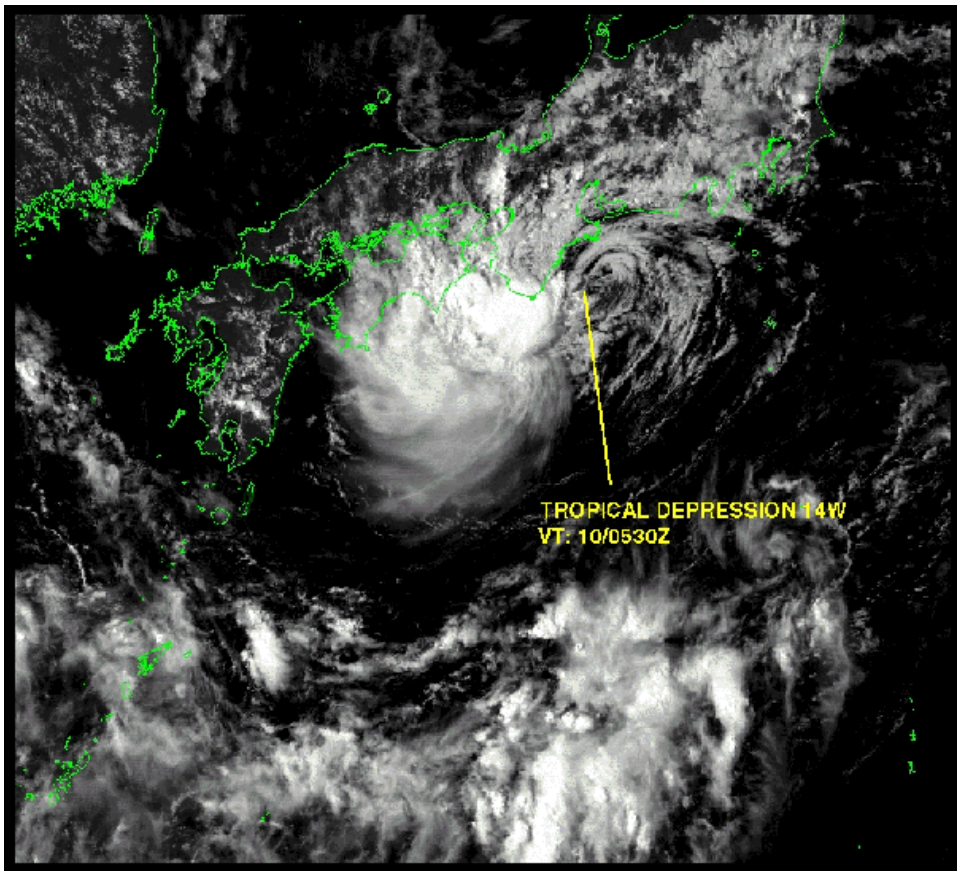


Figure 1-14-2. 100530Z August visible satellite imagery depicted a fully exposed low-level circulation center tracking over the coast of Honshu. TD 14W was at 25 kt intensity.